

APPENDIX

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Appendix I

Preliminary Construction Cost Estimates, A & BAlternative Plans A & BPark Program Posters (Enlarged)

ESTIMATED COSTS - ALT. A PROPOSED PREFERRED PLAN

McAuliffe Park Master Plan

PRELIMINARY ESTIMATED COST OF PROJECT - Proposed Plan

BASED ON PROPOSED PREFERRED ALTERNATIVE, dated NOVEMBER 2005 Prepared by Barker Landscape Architects 1514 NW 52nd St., Seattle, WA 98107

reated Revised /13/05 11/30/

Project Scope: Mobilization, T.E.S.C., demolition, grading, utilities, roadways, building renovation or restoration, new parking, trails, landscape and irrigation, new flexible event pavillion, plaza, equipment shed, transplanting, restoration

Qty.	Unit	Total Project Limits: 537,462 S.F. Item		Labor	Mat'ls	\$/unit	Item Subtotal	Section Total
		MOBILIZATION						
I I	LS LS	Mobilization Temp. facilities (temp fence, sanican, construction entrance, others)		\$30,000 \$1,000	\$30,000 \$3,000	\$60,000 \$4,000	\$60,000 \$4,000	
I	LS	Performance bonding, insurance (1.5% of total)	Subtotal	,	-,,	-4,	\$50,000	£77.4.000
			Subtotai					\$114,000
I	LS	DEMOLITION, TRANSPLANTING, TESC Environmental Protection (cb filters, tire cleaning, other permit conditions?)		\$15,000	\$15,000	\$30,000	\$30,000	
53156	SF LS	Nursery Demo/hauling/disposal Tree Transplanting		\$0.20 \$20,000	\$0.20	\$0.40	\$21,262 \$30,000	
1 7000	SF	Entry Area Demo/hauling/disposal		\$0.20	\$10,000 \$0.20	\$0.40	\$2,800	
10000 5500	SF SF	Event Area Demo/hauling/disposal Arboretum Demo/hauling/disposal		\$0.20 \$0.20	\$0.20 \$0.20	\$0.40 \$0.40	\$4,000 \$2,200	
3000	SF	West Play Area Demo/hauling/disposal		\$0.20	\$0.20	\$0.40	\$1,200	
		•	Subtotal					\$91,462
2,000	CY	EARTHWORK (area calculations -not based on 3D earthwork calculations) Nursery Area grading for new parking		\$19	\$9	\$28	\$56,000	
3620	SF	Water Quality facility for new parking		\$10		\$10	\$36,200	
259 335	SF CY	Entry Area Demo/hauling/disposal Event Area grading for new pavillion/plaza		\$30 \$10	\$10	\$40 \$10	\$10,370 \$3,352	
206	CY	Arboretum Area for new parking		\$10		\$10	\$2,056	
1296 1000	CY CY	House & Gardens for new pond/stream including bentonite liner Grading for new trails		\$30 \$30	\$10 \$10	\$40 \$40	\$51,852 \$40,000	
III	SF	West Play Area grading		\$10		\$10	\$1,111	
2000	CY	Fine Grading	Subtotal	\$12		\$12	\$24,000	\$224,941
		SITE UTILITIES (Sanitary, Water, Storm, Electrical)						
I	LS	New storm system for parking, water quality		\$40,000	\$40,000	\$80,000	\$80,000	
I	LS LS	Connect all buildings to sanitary system new meter, dcva for water system upgrades		\$40,000 \$15,000	\$40,000 \$15,000	\$80,000 \$30,000	\$80,000 \$30,000	
I	LS	underground electrical upgrades		\$8,000	\$10,000	\$18,000	\$18,000	
I	LS LS	Underground all existing overhead utility lines per City requirements Upgrade fire flow to site and buildings		\$50,000 \$50,000	\$50,000 \$50,000	\$100,000 \$100,000	\$100,000 \$100,000	
			Subtotal					\$408,000
		ROADWAY IMPROVEMENTS						
800 800	LF LF	Widen 108th to 28 ft., install storm drainage, curb/gutter, planting and 5 ft. sidew. Alternative natural drainage system (SEAstreet) where possible along 108th	alk	\$150 \$50	\$150 \$50	\$300 \$100	\$240,000 \$80,000	
I	LS	Streetlights along 108th		\$50,000	\$50,000	\$100,000	\$100,000	
I	LS	New traffic signal & vehicle detection system @108th/116th intersection, possible	others	\$150,000	\$109,000	\$259,000	\$259,000	\$679,000
		HADDEGADE CUDEACING CHEEFUDNICHINGS						30/9,000
984	CY	HARDSCAPE, SURFACING, SITE FURNISHINGS New Parking - gravel base rock		\$20	\$25	\$45	\$44,297	
55000	SF SF	asphalt paving for New parking, including ADA near garage		\$2	\$2	\$4	\$220,000	
500 8,350	SF	concrete safe crossing New entry plaza porous concrete paving		\$7 \$7	\$5 \$7	\$12 \$14	\$6,000 \$116,900	
9050	CY SF	New event area plaza porous concrete paving		\$7 \$20	\$7	\$14	\$126,700	
200 1600	LF	picturesque bridge along grand drive - convert to walkway Farm fencing to define boundaries		\$10	\$40 \$9	\$60 \$19	\$12,000 \$30,400	
8,350 15	SF ea	paved trails Benches		\$2 \$500	\$2 \$1,200	\$4 \$1,700	\$33,400 \$25,500	
15	ea	Memorabilia Displays/entry features		\$500	\$1,000	\$1,500	\$22,500	_
		•	Subtotal					\$593,400
1750	SF	BUILDINGS & BUILDING RENOVATIONS New maintenance & operations building, including RR, office, shop, lockers		\$65	\$45	\$110	\$192,500	
900	SF	Addition/Renovation to garage for Café		\$75	\$45 \$50	\$125	\$112,500	
1 2260	LS SF	New commercial kitchen Remodel/structural upgrades to garage		\$50,000 \$25	\$50,000 \$25	\$100,000 \$50	\$100,000 \$113,000	
800	SF	replace solarium		\$20	\$15	\$35	\$28,000	
2650 2502	SF SF	new covered Pavillion for Event Center open up ceiling/volume at New Barn, add fire sprinkler system, finishes, new floor		\$45 \$50	\$35 \$50	\$80 \$100	\$212,000 \$250,200	
650	SF	addition to New Grey Barn with fireplace	•	\$60	\$60	\$120	\$78,000	
1930 250	SF SF	new covered equipment sheds and noise barrier Restroom attached or near Brick House		\$20 \$75	\$18 \$70	\$38 \$145	\$73,340 \$36,250	
600	SF	structural improvements to Barn		\$75	\$42	\$117	\$70,200	
1200 4000	SF SF	restore Johnson house to 1880's vintage renovate McAuliffe house to open up for meeting rooms		\$155 \$48	\$95 \$30	\$250 \$78	\$300,000 \$312,000	
2000	SF	daycare renovations	S1-4-4-1	\$22	\$15	\$37	\$74,000	6
			Subtotal					\$1,951,990
40000	SF	LANDSCAPE & IRRIGATION new irrigation for parking areas		\$0.50	\$0.33	\$0.83	\$33,200	
50	ea	Orchard Lane trees		\$100	\$100	\$200	\$10,000	
2000 50	ea ea	Native trees, shrubs, ground covers (9000 s.f./19) Transplanted tree support from nursery into other park zones		\$9 \$200	\$9 \$100	\$18 \$300	\$36,000 \$15,000	
I	LS	restoration allowance for all disturbed areas		\$50,000	\$40,000	\$90,000	\$90,000	
		·	Subtotal					\$184,200
		Subtotal before tax, design, permits and contingencies						\$4,246,993
		8.8% Washington State Sales Tax Subtotal						\$373,735 \$4,620,729
		25% Estimating and Design Contingency: Subtotal						\$1,155,182
		10% Construction Contingency						\$4,994,464 \$499,446
		Subtotal 15% Design/Engineering/Testing/Inspections/Permits						\$5,493,910 \$824,087
		Subtotal						\$6,317,997
		03% City Project Management:						\$189,540
		TOTAL						\$6,507,537

ESTIMATED COSTS - ALTERNATIVE B

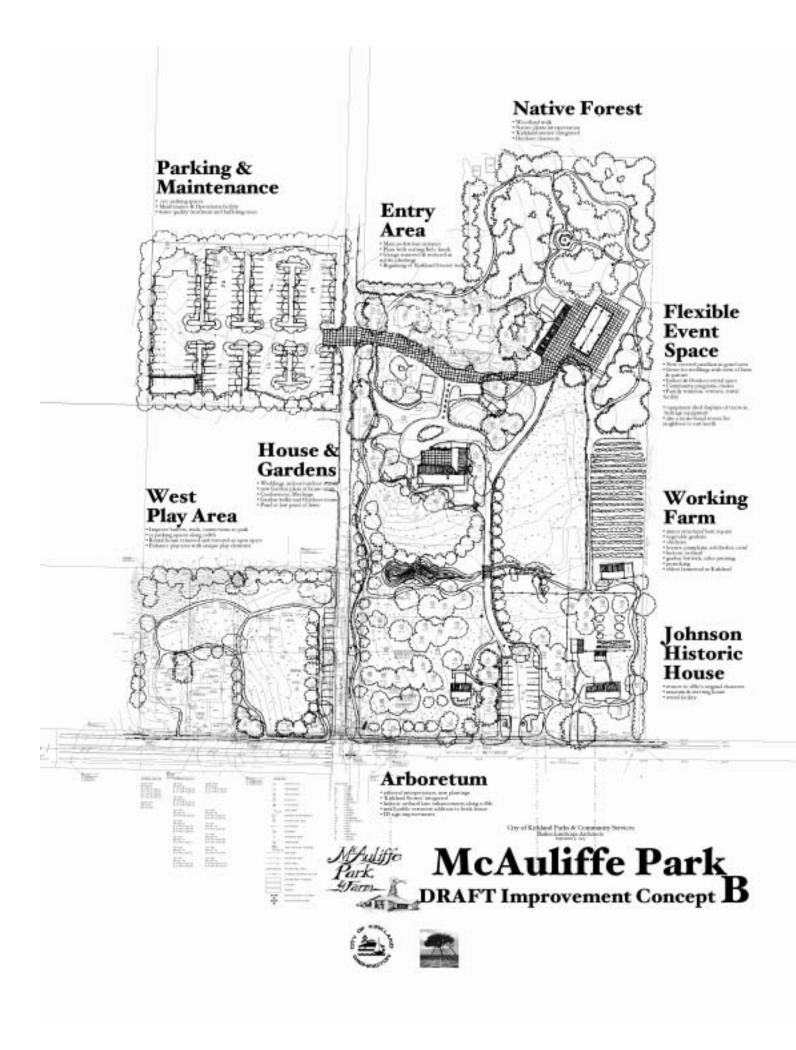
McAuliffe Park Master Plan

PRELIMINARY ESTIMATED COST OF PROJECT - Alternative B BASED ON Preliminary Draft ALTERNATIVE, dated NOVEMBER 2005 Prepared by Barker Landscape Architects 1514 NW 52nd St., Seattle, WA 98107 Revised 11/30/05 Revised 11/30/05

Project Scope: Mobilization, T.E.S.C., demolition, grading, utilities, roadways, building renovation or restoration, new parking, trails, landscape and irrigation, new flexible event pavillion, plaza, equipment shed, transplanting, restoration

Qty.	Unit	Total Project Limits: 537,462 S.F. Item		Labor	Mat'ls	\$/unit	Item Subtotal	Section Total
		MOBILIZATION						
I I	LS LS	Mobilization Temp. facilities (temp fence, sanican, construction entrance, others)		\$30,000 \$1,000	\$30,000 \$3,000	\$60,000 \$4,000	\$60,000 \$4,000	
I	LS	Performance bonding, insurance (1.5% of total)		31,000	95,000	¥4,000	\$55,275	_
		S	ubtotal					\$119,275
	T.C.	DEMOLITION, TRANSPLANTING, TESC						
1 53156	LS SF	Environmental Protection (cb filters, tire cleaning, other permit conditions?) Nursery Demo/hauling/disposal		\$15,000 \$0.20	\$15,000 \$0.20	\$30,000 \$0.40	\$30,000 \$21,262	
I	LS	Tree Transplanting		\$20,000	\$10,000		\$30,000	
10000	LS SF	Entry Area Garage demo/hauling/disposal Event Area Demo/hauling/disposal		\$20,000 \$0.20	\$20,000 \$0.20	\$40,000 \$0.40	\$40,000 \$4,000	
5500	SF	Arboretum Demo/hauling/disposal		\$0.20	\$0.20	\$0.40	\$2,200	
I	LS	West Play Area Demo/hauling/disposal	ubtotal	\$10,000	\$10,000		\$20,000	\$147,462
			abtota					024/,402
2,000	CY	EARTHWORK (area calculations -not based on 3D earthwork calculations) Nursery Area grading for new parking		\$19	\$9	\$28	\$56,000	
3620	SF	Water Quality facility for new parking		\$10	· ·	\$10	\$36,200	
259 335	SF CY	Entry Area Demo/hauling/disposal Event Area grading for new pavillion/plaza		\$30 \$10	\$10	\$40 \$10	\$10,370 \$3,352	
206	CY	Arboretum Area for new parking		\$10		\$10	\$2,056	
1296 1000	CY CY	House & Gardens for new pond/stream including bentonite liner Grading for new trails		\$30 \$30	\$10 \$10	\$40 \$40	\$51,852 \$40,000	
III	SF	West Play Area grading		\$10	510	\$10	\$1,111	
2000	CY	Fine Grading	ubtotal	\$12		\$12	\$24,000	\$224,941
			ubtotai					9224,941
I	LS	SITE UTILITIES (Sanitary, Water, Storm, Electrical) New storm system for parking, water quality		\$40,000	\$40,000	\$80,000	\$80,000	
I	LS	Connect all buildings to sanitary system		\$40,000	\$40,000	\$80,000	\$80,000	
I I	LS LS	new meter, dcva for water system upgrades underground electrical upgrades		\$15,000 \$8,000	\$15,000 \$10,000	\$30,000 \$18,000	\$30,000 \$18,000	
I	LS	Underground all existing overhead utility lines per City requirements		\$50,000	\$50,000	\$100,000	\$100,000	
I	LS	Upgrade fire flow to site and buildings	ubtotal	\$50,000	\$50,000	\$100,000	\$100,000	\$408,000
			ubtotai					3403,000
800	LF	ROADWAY IMPROVEMENTS Widen 108th to 28 ft., install storm drainage, curb/gutter, planting and 5 ft. sidewa	11-	\$150	\$150	£200	\$240,000	
800	LF	Alternative natural drainage system (SEAstreet) where possible along 108th	ık	\$150 \$50	\$150 \$50	\$300 \$100	\$240,000 \$80,000	
I	LS LS	Streetlights along 108th New traffic signal & vehicle detection system @108th/116th intersection		\$50,000	\$50,000	\$100,000 \$209,000	\$100,000	
I	Lo	New traine signal & vehicle detection system @108th/110th intersection		\$100,000	\$109,000	\$209,000	\$209,000	\$629,000
		HARDSCAPE, SURFACING, SITE FURNISHINGS						
984	CY	New Parking - gravel base rock		\$20	\$25	\$45	\$44,297	
55000	SF SF	asphalt paving for New parking, including ADA near garage		\$2 \$=	\$2 \$ 7	\$4	\$220,000 \$6,000	
500 8,350	SF	concrete safe crossing New entry plaza porous concrete paving		\$7 \$7	\$5 \$7	\$12 \$14	\$116,900	
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8,350	SF	paved trails Benches		\$2	\$2	\$4	\$33,400	
15 15	ea ea	Memorabilia Displays/entry features		\$500 \$500	\$1,200 \$1,000	\$1,700 \$1,500	\$25,500 \$22,500	
			ubtotal					\$593,400
		BUILDINGS & BUILDING RENOVATIONS						
1750	SF	New maintenance & operations building, including RR, office, shop, lockers		\$65	\$45	\$110	\$192,500	
0	SF LS	Addition/Renovation to garage for Café New commercial kitchen		\$75 \$50,000	\$50 \$50,000	\$125 \$100,000	\$0 \$0	
0	SF SF	Remodel/structural upgrades to garage		\$25	\$25	\$50	\$o	
o 2650	SF	replace solarium new covered Pavillion for Event Center		\$20 \$45	\$15 \$35	\$35 \$80	\$0 \$212,000	
2502	SF	open up ceiling/volume at New Barn, add fire sprinkler system, finishes, new floor		\$50	\$50	\$100	\$250,200	
o 1930	SF SF	addition to New Grey Barn with fireplace new covered equipment sheds and noise barrier		\$60 \$20	\$60 \$20	\$120 \$40	\$0 \$77,200	
250	SF	Restroom attached or near Brick House		\$75	\$70	\$145	\$36,250	
600 1200	SF SF	structural improvements to Barn restore Johnson house to 1880's vintage		\$75 \$155	\$42 \$95	\$117 \$250	\$70,200 \$300,000	
4000	SF SF	renovate McAuliffe house to open up for meeting rooms		\$48	\$30	\$78	\$312,000	
0	эг	daycare renovations S	ubtotal	\$22	\$15	\$37	\$ 0	\$1,450,350
		LANDSCAPE & IRRIGATION						
40000	SF	new irrigation for parking areas		\$0.50	\$0.33	\$0.83	\$33,200	
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2000 50	ea ea	Transplanted tree support from nursery into other park zones		\$9 \$200	\$9 \$100	\$18 \$300	\$36,000 \$15,000	
I	LS	restoration allowance for all disturbed areas	ubtoto!	\$50,000	\$40,000	\$90,000	\$90,000	6-0 ·
		3	ubtotal					\$184,200
		Subtotal before tax, design, permits and contingencies						\$3,756,628
		8.8% Washington State Sales Tax Subtotal						\$330,583 \$4,087,211
		25% Estimating and Design Contingency:						\$1,021,803
		Subtotal 10% Construction Contingency						\$4,417,795 \$441,770
		Subtotal						\$441,779 \$4,859,574
		15% Design/Engineering/Testing/Inspections/Permits Subtotal						\$728,936 \$5,588,510
		03% City Project Management:						\$167,655
		TOTAL						\$5,756,166

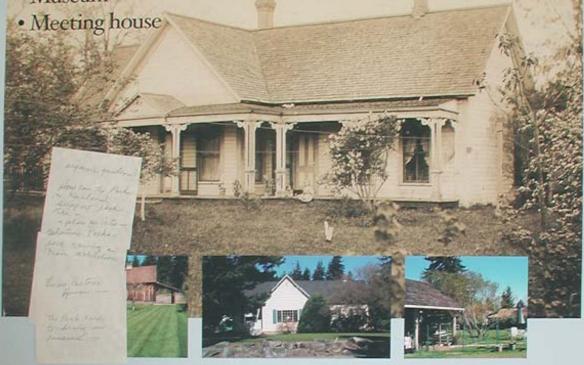




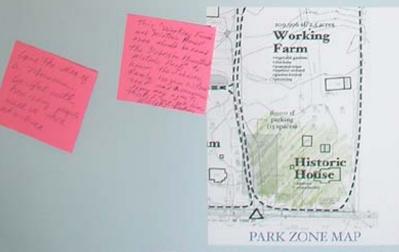


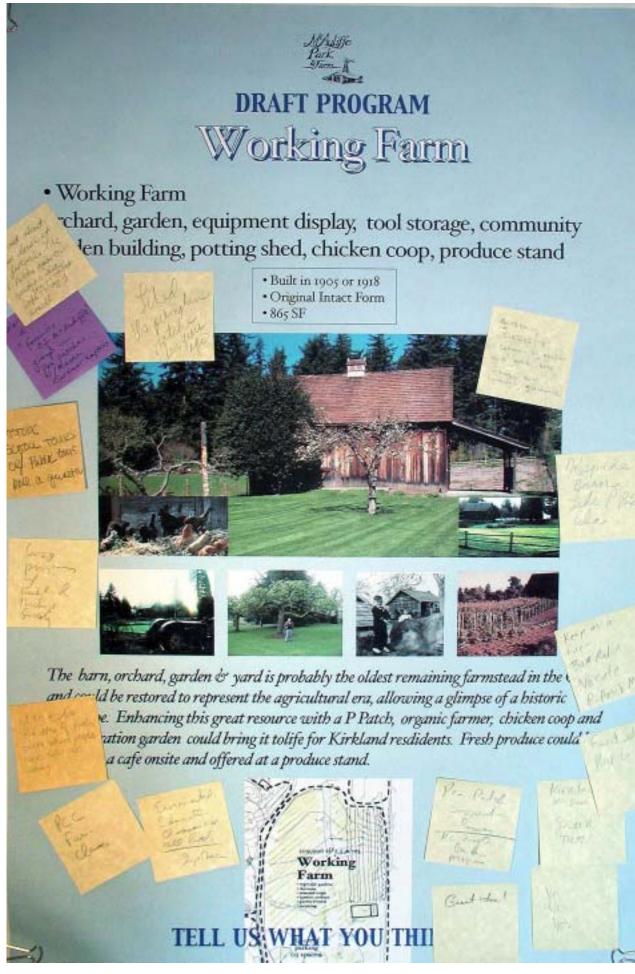
DRAFT PROGRAM Historic Johnson House

- Restore to 1887 original style
- · Museum



The residence should be restored to it's 1880's charm and serve as a historic museum & meeting house for up to 25 people. Along with the barn, orchard and garden, this is probably the oldest remaining farmstead in the City, and should be restored to represent the agricultrual erea, allowing Kirkland resident's a glimpse of a intact historic landscape.







Flexible Area @ New Barn

- Large Meetings, Reuinions & Retreats
- Community Programs, Workshops, Daycamps
- Assembly Areas with Temporary Stage
- · "Farm Yard" for Special Events
- Equipment Sheds for farm & heritage items









Building size per floor. Ground floor: 2940 SF Second floor: 1718 SF Capacity: approx. 200 on main floor at 15SF7



The new barn and surroundings can serve many different uses due to the size, indoor/ outdoor connections, and support buildings. The flexible spaces and building edges offer great "in between" spaces that could have historic displays, views of the farm, and a good connection to food, restrooms, parking and other meeting rooms.



support services pathways indoor activities outdoor activities roadway

parking





McAuliffe House & Gardens

- · Weddings, Receptions
- · Conferences, Retreats
- · Meetings, Reunions







Building Size
Main 2740 SF
Ground 2130 SF
Garage: 500 SF??
Capacity: up to 230
Current income
S1950/mo.



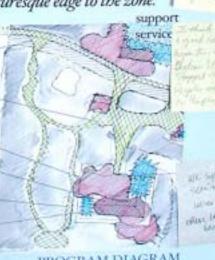
IC DICAME.

bouse & gardens offer appealing places for weddings, receptions and meetings.

Enhancements to the building and grounds could allow up to 230 participants, includin places for outdoor weddings, photos, receptions, patios, ADA improvements and facil for changing, showers and catering. A pond would be a picture sque edge to the zone.



parking roadway pathways outdoor activities indoor activities indoor activities McAuliffe House support services



PROGRAM DIAGRAM



DRAFT PROGRAM Entry Area

- Entry plaza
- Community programs
- · Cafe, coffee/sandwich/ice cream shop, bookstore









could become an entry plaza, with a map kiosk, a coffee shop/restaurant and restrooms.

This area was the heart of Jerry's operation, and it is the "heart" or center of the park.

- * great rate works swhole the Marlions Park Cate, Joseph Cate, the old Herbitana
- * area lend product from face
- Parent with the comment of the property of the bridge over the
- " group process for recovering or providing a take building?"
- A result state or comment for only they confine their back and a park
- * second space of compact had got along, continue storp, brook no
- * Jeplan with new balking







Parking

- · Main Site Parking
- McAullife Park Operations, Maintenance & Staff Parking









The existing nursery area could offer much of the parking for the site, well screened from neighbors, and below the street view. There is also room for this parking to be shared and to contain Parks maintenance/operations area for McAuliffe Park & perhaps north Kirkland.

- . Parking for 70 cars, plus more at maintenance area during non working hours
- Landscape buffers and water quality provisions for runoff
- · McAuliffe maintenance staff (2 FTE, more seasonal)
- Maintenance building could include office, lunch room, first-aid station, wash-down and eye-wash area, showers/lockers/restrooms
- Mowers and construction equipmentstorage
- Irrigation/recreation/supply storage, safe separate storage for fuel and chemicals
- . Bulk materials bins, Special facilities wash-down pond
- . Construct SafePedestrian Crossing and sidewalks along 108th





Arboretum

- · Caretaker Residence, Library, Office
- Volunteer Center, Art Gallery, Antiques
- · Park Restroom
- · Parking near entry drive
- · Plant more trees along road, create pond







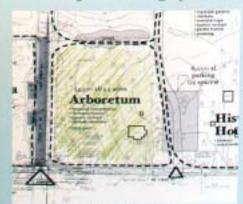
Built in 1928.
 Brick Tudor Revival Style
 870 SF



This zone is the "front yard" of the park. The brick house could be a caretaker house, an office or library, and a public restroom could be added. The house, trees and lawn create a buffer for the core of the park from busy 116th. The plantings can be enhanced with more "orchard" trees along the street, and a pondas an edge of the lawn.







PARK ZONE MAP

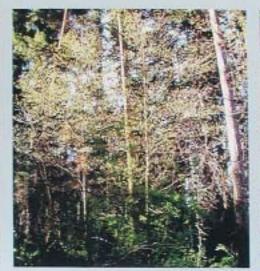


DRAFT PROGRAM Native NW Forest

- · Woodland walk
- · "Kirkland Stories" interpretation
- · Small Outdoor Classroom











The forest provides a great buffer between active areas of the park and residential neighbors. Native trees and shrubs should be enhanced, and activities passive, including a meandering path system, small outdoor classroom, and interpretation of Kirkland stories.

Criteria:

- Dudley Carter carved totems should be protected
- Other memorabilia should be sorted, some removed, some prote
- Pathways should be cleared, but kept narrow and intimate
- Remove non-native invasive species, plant natives to reinforce bu



West Play Area

- · Play area
- · School/daycare in rental house
- · Parking/Roadway with "orchard" planting
- · Trail system connecting



This is the "neighborhood park" zone of McAuliffe Park. The Play area could be complemented by a daycare or small school occupying the rental house, and parking could fit around this house to serve the whole park without diminishing the character. The play area could be expanded and enhanced to be more like the unique park character.

Criteria:

- Rental House upgraded for school/daycare rental facility
 - · Play Area enhancements to fit unique park character
 - · Parking configured to serve whole park without dominating park or play

party to conserve

Martiniage pleased 41)

7 100)

 Trail system to connect to park east of "Orchard Lane" (108th) anting to match namesake of "Orchard Lane" (108th)

